

wherein, R¹ is -OH, -OCH₃, or -OCH₂CH₃; and

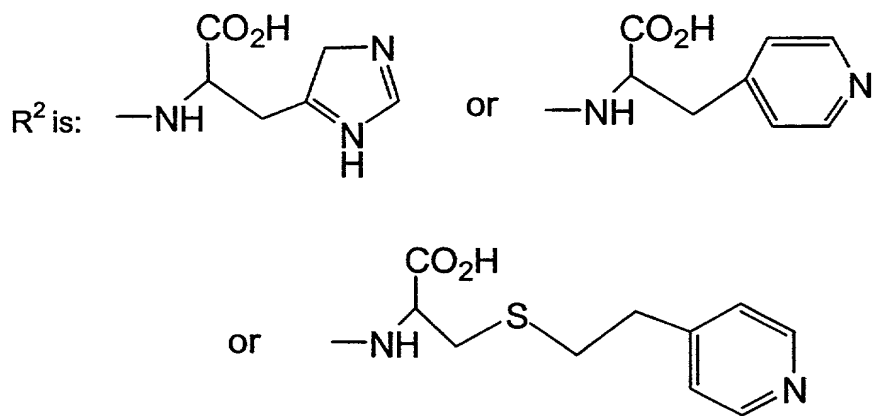
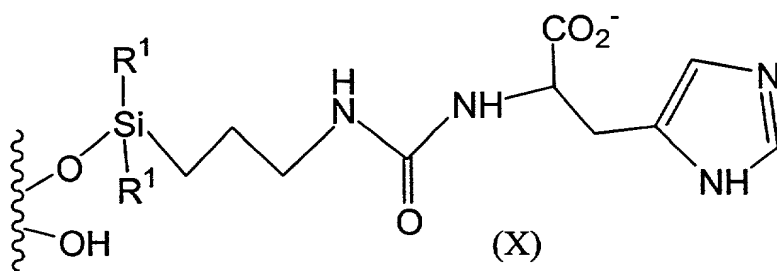
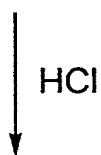
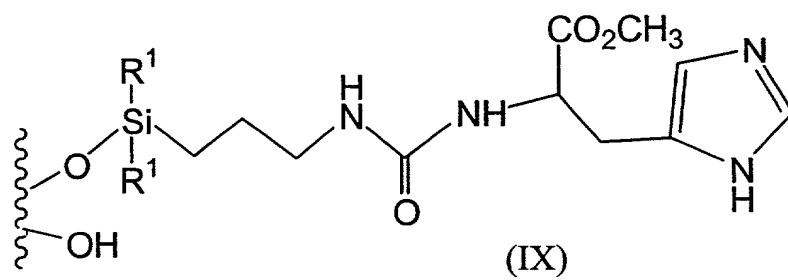
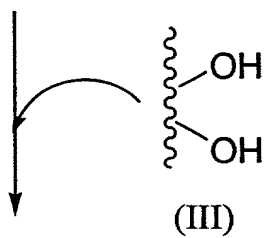
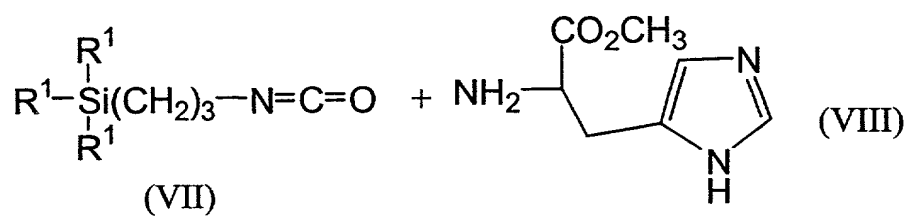
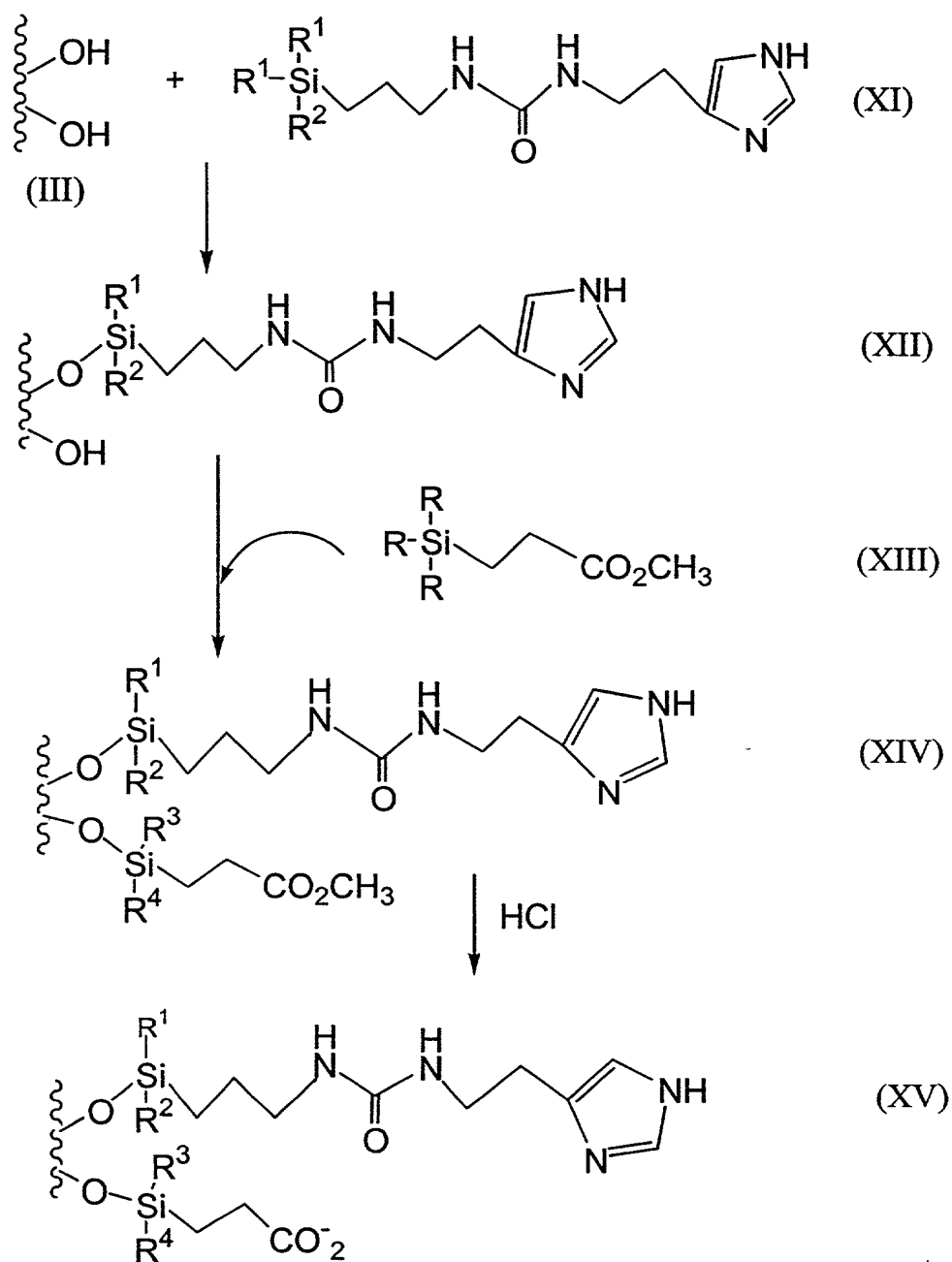


FIG. 1



wherein, R^1 is $-\text{OH}$, $-\text{OCH}_3$, or $-\text{OCH}_2\text{CH}_3$

FIG. 2



wherein, R^1 and R^3 are independently $-\text{OH}$, $-\text{OCH}_3$,
 or $-\text{OCH}_2\text{CH}_3$; R is $-\text{OH}$, $-\text{OCH}_3$, $-\text{OCH}_2\text{CH}_3$, or Cl ;
 R^2 is $-(\text{OSiR}^1_2)_y-\text{R}^1$, wherein y is at least 0; and
 R^4 is $-(\text{OSiR}^3_2)_z-\text{R}^3$, wherein z is at least 0.

FIG. 3

1 2 3 4

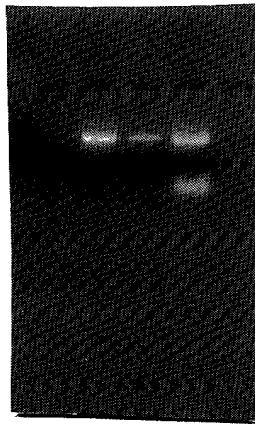


FIG. 4